

JOURNAL OF LOW TEMPERATURE PHYSICS

The *Journal of Low Temperature Physics* is an international medium for the publication of original papers on fundamental theoretical and experimental research in low temperature physics. Typical subject areas are:

- Properties of Fermi and Bose systems, especially in the condensed phases, and of the hydrogen and helium isotopes;
- Superfluidity and the properties of quantum fluids and solids;
- Properties of isotopic mixtures at low temperatures;
- Superconductivity;
- Phase transitions at low temperatures;
- Thermal properties, thermodynamics, and statistical mechanics of low temperature phenomena;
- Lattice dynamics, phonon phenomena, acoustic, mechanical, and optical properties of substances at low temperatures;
- Electronic properties of metals, semiconductors, and alloys including Fermi surfaces, oscillatory phenomena, magnetoelectrical effects, acoustic properties, and transport phenomena at low temperatures;
- Magnetism at low temperatures including paramagnetic, ferromagnetic, and antiferromagnetic properties and including the behavior of dilute alloys and nuclear spin systems;
- Surface phenomena at low temperatures.

Occasionally review articles will be included. No papers solely of a technical or applied nature will be accepted.

CO-EDITORS: John G. Daunt and John P. Harrison
Physics Department, Queen's University
Kingston, Ontario, Canada K7L 3N6

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JOURNAL OF LOW TEMPERATURE PHYSICS

Vol. 51, Nos. 1/2

April 1983

CONTENTS

Generalized Jastrow Variational Method for Dense Fermi Systems <i>Ramarao Inguva and C. Ray Smith</i>	1
Land Edge Motion in a Quantizing Magnetic Field and Nonequilibrium States in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ Alloys Doped with In <i>B. A. Akimov, N. B. Brandt, L. I. Ryabova, V. V. Sokovishin, and S. M. Chudinov</i>	9
Theory of Heat Transfer Between Phonons and Quasiparticles in Dilute Solutions of ^3He in ^4He <i>T. McMullen</i>	33
Static Characteristics of Superconducting Interferometers with Nb-NbO _x -PbIn Josephson Junctions <i>A. M. Cucolo, M. R. Saggese, and G. Paternò</i>	55
Proximity Effect Tunneling into Two-Band Metals Containing Anderson Impurities <i>I. M. Tang and S. Roongkeadsakoon</i>	67
Boundary Effects on Sound Propagation in Superfluids <i>H. Højgaard Jensen, H. Smith, and P. Wölflé</i>	81
Phonon-Roton Scattering and Kinetic Coefficients in Helium II <i>I. M. Khalatnikov and Yu. A. Matveev</i>	99
Investigation of the Occurrence of Superconductivity Below the Antiferromagnetic Transition in $\text{Ho}(\text{Ir}_{0.7}\text{Rh}_{0.3})_4\text{B}_4$ <i>L. D. Woolf, S. E. Lambert, M. B. Maple, F. Acker, H. C. Ku, W. Odoni, and H. R. Ott</i>	117
Thermodynamics of Superconducting Lanthanum <i>R. Baquero and J. P. Carbotte</i>	135
Vortex Behavior in Nb ₃ Ge Microbridges <i>S. Kuriki, A. Yoshida, and H. Konishi</i>	149
Measurements on Isothermal Flow of Helium II in Narrow Tubes <i>G. Marees, R. P. Slegtenhorst, and H. van Beelen</i>	165
Effects of Self-Annealing and Reirradiation on the Specific Heat of Nb ₃ Al <i>B. Cort, G. R. Stewart, C. L. Snead, Jr., A. R. Sweedler, and S. Moehlecke</i>	179
Spatial Decay of the Quasiparticle Current in Phase-Slip Centers <i>J. M. Aponte and M. Tinkham</i>	189
Flicker (1/f) Noise in Tunnel Junction DC Squids <i>Roger H. Koch, John Clarke, W. M. Goubau, J. M. Martinis, C. M. Pegrum, and D. J. Van Harlingen</i>	207

JOURNAL OF LOW TEMPERATURE PHYSICS

Vol. 51, Nos. 3/4

May 1983

CONTENTS

History-Dependent Nonlinear Dissipation in Superfluid $^3\text{He-A}$ <i>R. Gay, M. Bagley, J. R. Hook, D. J. Sandiford, and H. E. Hall</i>	227
Fluctuation Conductivity of Tin Films Below the Superconducting Transition Temperature <i>R. S. Parashar and P. N. Dheer</i>	249
Ground State of $^3\text{He-A}$ in a Sphere <i>Peter Hirschfeld and D. L. Stein</i>	257
Spin Diffusion and Spin Echo in Normal Liquid ^3He <i>A. Pal and P. Bhattacharyya</i>	265
Evidence for Nonsingular Vorticity in the Helsinki Experiments on Rotating $^3\text{He-A}$ <i>H. K. Seppälä and G. E. Volovik</i>	279
Sound Conversion Phenomena at the Free Surface of Liquid Helium. II. Experimental Determination of Acoustic Coefficients and Surface Absorption Coefficient <i>H. Wiechert and F. I. Buchholz</i>	291
Cubic Spline Fit to the 1958 ^4He Scale of Temperatures <i>C. F. Barenghi, R. J. Donnelly, and R. N. Hills</i>	319
The Superconductive Energy Gaps of Thin-Film AuAl_2 and AuIn_2 <i>Deborah Van Vechten, L. B. Holdeman, R. J. Soulen, Jr., and J. Toots</i>	329
Effect of a Magnetic Field on the Specific Heat Jump of a Superconducting Alloy Containing Paramagnetic Impurities with Local States Within the Gap <i>Bahadur Sihota and A. D. S. Nagi</i>	347
Pulsed NMR Studies in Solid H_2 . I. Solid Echoes and Nuclear Spin-Spin Relaxation Times After a Two-Pulse Sequence <i>I. Yu, S. Washburn, and H. Meyer</i>	369
Pulsed NMR Studies in Solid H_2 . II. Stimulated Echoes and Cross Relaxation Times <i>I. Yu, S. Washburn, M. Calkins, and H. Meyer</i>	401
Longitudinal Ultrasonic Attenuation in Normal and Superconducting Lead at Low Temperatures <i>S. Sathish, K. Samudravijaya, and B. K. Basu</i>	423
High Frequency Impedance of Superconducting Tunnel Junctions <i>D. G. Jablonski</i>	433
Propagation of Surface Acoustic Waves in n -Type GaAs Films <i>Chhi-Chong Wu and Jansen Tsai</i>	453

JOURNAL OF LOW TEMPERATURE PHYSICS

Vol. 51, Nos. 5/6

June 1983

CONTENTS

Supercooling of Liquid H_2 and the Possible Production of Superfluid H_2 <i>H. J. Maris, G. M. Seidel, and T. E. Huber</i>	471
Measurements of the Kapitza Resistance and Onsager Cross-Coefficient for the 4He Crystal-Superfluid Interface <i>P. E. Wolf, D. O. Edwards, and S. Balibar</i>	489
Low-Temperature Transport Properties of $RERh_4B_4$ Compounds ($RE = Sm, Ho, Er, Lu$) <i>W. Odoni, H. R. Ott, and M. B. Maple</i>	505
Quasiparticle Scattering Amplitude for Normal Liquid 3He <i>M. Pfizner and P. Wölfle</i>	535
Thermoelectric Effects in a Superconducting Bimetallic Loop: Superconductors in Relative Motion: Comment on a Paper by Ginzburg, Zharkov, and Sobyenin <i>G. R. Pickett</i>	561
Specific Heat Discontinuity of a Proximity-Effect Sandwich System Containing Kondo Impurities <i>S. Yoksan</i>	569
Influence of Impurity Scattering on the Critical Temperature of Superconductors with a Partial Gap in the Electron Spectrum <i>A. M. Gabovich and A. S. Shpigel</i>	581
Mutual Friction and Vortex Motion Near the Superfluid Transition <i>Akira Onuki</i>	601
Superconductivity and Magnetism in the Pseudoternary System $Dy(Ru_xRh_{1-x})_4B_4$ <i>H. C. Hamaker and M. B. Maple</i>	633
Switching Process Between Bistable Positions of Multiquantum Flux Tubes in a Thin-Film Type I Superconductor <i>J. Parisi, R. P. Huebener, and B. Mühlemeyer</i>	655
Electric Susceptibility of Mixed Cerium/Lanthanum Ethyl Sulfate Crystals <i>R. J. Stubbs and J. P. Harrison</i>	679
Author Index to Volume 51	693
Subject Index to Volume 51	695
Announcement	697

